ABSTRACT

The phase difference between a known stable reference signal (11) and a known signal output by a wireless mobile communication device (5, 5B) is determined at several known locations (1-4, 1B-4B). The location of the wireless mobile communication device is then determined from the phase difference information. Also, the approximate location of a wireless mobile communication device (5A) can be estimated by transmitting a message from the device at a predetermined power level (71), and determining where among a plurality of predetermined locations (1A-4A) the transmitted message has been received.

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